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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/087,473	
	Filing Date	March 1, 2002	
	First Named Inventor	Melissa K. Carpenter, et al.	
	Art Unit	1632	
	Examiner Name	Thaïan N. Ton	
Total Number of Pages In This Submission	7	Attorney Docket Number	090/003C

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (5 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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Name_____
Date**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of: M. Carpenter et al.

Serial No.: 10/087,473

Filing Date: March 1, 2002

For: DIRECT DIFFERENTIATION OF HUMAN
PLURIPOTENT STEM CELLS AND
CHARACTERIZATION OF DIFFERENTIATED CELLS

Art Unit: 1632

Examiner: Thaian N. Ton

**AMENDMENT AND RESPONSE TO OFFICE ACTION
UNDER 37 CFR § 1.111**

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Applicants now file a reply to the Office Action mailed February 10, 2006 ("Action").

Applicants respectfully request reconsideration and withdrawal of all outstanding rejections. The period for responding runs until May 10, 2006, and so this paper is timely filed. Pursuant to 37 C.F.R. § 1.111, Applicants request the following amendments.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.